



NEDERLANDSE VERENIGING VOOR MASSASPECTROMETRIE

YEARLY REPORT 2025

1. Secretary

Dr. Cillero Pastor, Maastricht University. Contact: info@nvms.nl

2. Membership

The number of members of the Dutch Society for Mass Spectrometry (NVMS) on 31st December 2025 was 940.

3. Board

During the reporting year, the composition of the NVMS board was as follows: Anouk Rijs (chair), Berta Cillero Pastor (secretary), Bram Snijders (treasurer), Eef Dirksen (program), Guinevere Lageveen-Kammeijer (program), Pieter Langerhorst (young NVMS) and Martin Pabst (PR/social media and website). <https://www.nvms.nl/index.php/bestuur/>

Role	Name	Institution / Company	Start term	End term
Chair	Prof. dr. Anouk Rijs	Vrije Universiteit Amsterdam	09/2022	09/2028
Secretary	Dr. Berta Cillero-Pastor	Maastricht University	11/2024	11/2027
Treasurer	Dr. Bram Snijders	Bruker Netherlands B.V.	12/2023	12/2026
Program	Dr. Eef Dirksen	Byondis	02/2021	02/2027
Program	Dr. Guinevere Lageveen-Kammeijer	University of Groningen	12/2023	12/2026
PR	Dr. Martin Pabst	TU Delft	12/2023	12/2026
Young	Dr. Pieter Langerhorst	Sanquin	01/2024	09/2026

4. Board meetings

The board held regular meetings on the last Thursday of each month. Minutes were taken during these meetings.

5. General assembly

The general assembly on the 2025 activities was held on during the Spring NVMS meeting. [There, in addition to reviewing our activities, we unanimously confirmed Anouk Rijs for a second term as NVMS President.](#)

6. Website

The NVMS maintains its own domain, www.nvms.nl, and can be contacted via email at info@nvms.nl. The website is designed to inform members, supported by social media platforms such as Bluesky (transferred from X), LinkedIn, and a YouTube channel. It features updates on upcoming and past NVMS events, national and international conferences, job openings, informs about the board members, and annual sponsors. Over the past year, the website appearance and content was streamlined to make it more accessible and main features better findable, we made sponsors better visible and added a separate website tab for the newly founded Diversity, Equity, and Inclusion (DEI) task force.

7. Activities of the past year

7.1. *Spring meeting*

On 26 May 2025, we had a fantastic time at the NVMS Spring Meeting, hosted by Sanquin Research in Amsterdam with 112 participants (<https://www.nvms.nl/index.php/2025-spring-meeting-sanquin-amsterdam/>). The meeting brought together members of the Dutch mass spectrometry community for a day of scientific exchange, featuring cutting-edge research presentations, lively discussions, and updates from across the field. The programme opened with a keynote presentation by Maartje van den Biggelaar (Sanquin), who shared insights into proteomic blueprints. Early-career researchers then showcased their work, including studies on serum proteomics for osteoarthritis biomarker discovery, deep serum profiling using LC-MS/MS, and non-target screening of particulate matter. Afternoon sessions highlighted advances in plasma glycoproteomics, investigations into clusterin's role in Alzheimer's disease, mass spectrometric characterisation of bacterial glycoconjugate vaccines, and the application of IR action spectroscopy in MS. The event demonstrated the breadth and innovation of current mass spectrometry research in the Netherlands while fostering collaboration within the community. Two conference fund winners were invited to present their work: Kevin Hooijschuur (UU) on IM-MS for diagnostic glycan fingerprints, and Laura Finazzi (RU) on molecular structure analysis via IR ion spectroscopy and DFT. The youngNVMS again selected among the many interesting posters, a poster prize, which was awarded to Alienke van Pijkeren (University of Groningen).

7.2 *Fall meeting*

On 19 November 2025 we held our NVMS Fall Meeting at the House of Connections in the heart of Groningen with 104 participants (<https://www.nvms.nl/index.php/2025-fall-meeting-house-of-connections-groningen/>).

The meeting brought together researchers from across the Dutch mass spectrometry community for a day of scientific exchange, networking, and discussion. Presentations covered a wide range of topics, including biomarker discovery, metaproteomics, microbial metabolite identification, antibody sequencing, plant sciences, cultural heritage research, microplastic analysis, charge detection mass spectrometry, amyloid- β characterisation, tumour marker quantification, and antibody analysis. A particular highlight was the Diversity, Equity and Inclusion (DEI) panel discussion which reflected on community survey results and explored ways to foster a more inclusive research environment. The programme also featured poster sessions and networking opportunities, providing a valuable platform for collaboration and knowledge exchange within the Dutch mass spectrometry community. We wrapped the day by announcing the poster awards: Lapo Renai from the University of Amsterdam was awarded for his work on understanding PFAS exposure through wide suspect screening and the reanalysis of high-resolution mass spectrometry data from exposomics studies. Our second prize went to

Yasmin van der Velden from the Leiden University Medical Center, who presented impressive work on the structural characterization of intact polysaccharides using MALDI in-source decay FTICR mass spectrometry.

8. Annual Sponsors

To fund the NVMS activities such as the NVMS conference fund, young-NVMS meetings (see below) and to keep registration/participation cost low for our Spring and Fall meetings, we offer annual sponsorship packages. [Currently, we have as annual sponsors:](#) MS Vision, MS Wil, DSM-Firmenich, Waters, Bruker, Shimadzu, PerkinElmer, Thermo Fisher and Sothis Separations.

9. Conference fund

The conference stimulation fund ("[NVMS Conference Fund](#)"), funded from NVMS reserves, awarded 5 grants:

- **Kevin Hooijschuur**, Utrecht University, Analytical Glycosciences, *Glycan Sequencing with Ion Mobility Mass Spectrometry*
- **Raya(Arta) Sadighi**, Vrije Universiteit, Department of Chemistry & Pharmaceutical Sciences, The Laser Lab, *Novel strategies for the characterization of the early-stages of aggregate formation of α -Synuclein using ion mobility mass spectrometry*
- **Laura Finazzi**, Radboud University, HFML-FELIX Laboratory, *Steroid hormones fragmentation mechanisms revealed by infrared ion spectroscopy*
- **Kimberly Garcia**, Maastricht University, Maastricht Multimodal Molecular Imaging Institute (M4i), *EMBO Practical Course (participation and presentation): Imaging-based spatial-omics*
- **Kas Houthuijs**, Vrije Universiteit, *One Step Closer to Accurate Quantification of Micro- and Nanoplastics Using Cyclic Ion Mobility Mass Spectrometry*

10. Young NVMS

In 2025-2026, the young NVMS (yNVMS) initiative continued through a range of activities, awards promoting young MS researchers, strengthened collaboration with international young scientist societies, and DEI (Diversity, Equity, and Inclusion) taskforce focused on assessing our community's needs. The most relevant actions are summarized below.

Board composition

In October 2025, Ariadni (VU, PR/Outreach) and Lidia (M4I, Program Organization) resigned from their positions. We thank them sincerely for their contributions to yNVMS. Their positions were filled by Sigourney (LUMC) and Ina (Sanquin), respectively. Additionally, Elena joined the board as Secretary and Lead of the International Taskforce to support the yNVMS chair and to further expand our international collaboration.

Name	Affiliation	Role	Start term	End term
Pieter Langerhorst	Sanquin Research, Amsterdam	Chair Lead International young MS society NVMS board member	01-2024	09-2026
Christel Kuik	M4I, Maastricht	Treasurer International young MS Society	01-2024	09-2026
Ariadni Geballa-Koukoura	VU, Amsterdam	PR/Outreach	01-2024	10-2025
Lidia Molina Milan	M4I, Maastricht	Program organization	01-2024	04-2025
Sigourney Karijodikoro	LUMC, Leiden	PR/Outreach	10-2025	10-2028
Ina Kronevska	Sanquin Research, Amsterdam	Program organization	10-2025	10-2028
Elena Giaretta	BioMS, Utrecht	Secretary and Lead international taskforce	10-2025	10-2028

Outreach

The yNVMS continues to grow steadily, allowing us to reach an increasing number of young MS scientists. In our second year, we welcomed approximately 40 new members, bringing the total to around 130. Our outreach is primarily achieved through LinkedIn, where the yNVMS page currently has about 300 followers. We are also exploring short-video formats, such as TikTok and Instagram, to further expand our visibility and engagement.

Activities

Winter activity

On February 24th, we welcomed at the O2 building of VU Amsterdam, 20 enthusiastic participants to our youngNVMS Winter Activity, a day dedicated to growing both scientific and communication skills.

European Young Scientist Webinar (26 June 2025)

In collaboration with the DGMS Young Scientists and CJMS, we hosted a Europe-wide webinar enabling young MS researchers to present their work. The event was highly appreciated and laid the foundation for future international activities.

Byondis × yNVMS Industry Visit (27 August 2025)

The first yNVMS Industry Visit was hosted by Byondis, providing participants with valuable insights into industrial applications of MS. The program featured presentations from Byondis scientists, a guided laboratory tour, and networking opportunities. We are grateful to Byondis for their hospitality and to all attendees for their enthusiastic participation.

DEI initiative

Together with the NVMS, we identified DEI as a key priority for the Dutch MS community. To address this, Elena, Christel, and Berta initiated a DEI taskforce involving active participation from other community members. At the fall meeting in Groningen (November 19th 2025), the taskforce, together with [FeMS](#), surveyed the community to identify the most pressing DEI challenges. The taskforce is now in the process of being formally established and setting its future steps.

YIMS

Building on last year's European webinar, we decided to strengthen our international collaborations by establishing the Young International Mass Spectrometry Society (YIMS). Elena, Christel, and Pieter (co-Chair YIMS) represent yNVMS on the YIMS board. Together with the DGMS Young Scientists and the CJSM, this initiative aims to create a global network for young MS researchers, fostering cross-border collaboration and scientific exchange. As part of this effort, we are contributing to the organization of the Young Scientist Program at the International MS Conference (IMSC, August 2026 in Lyon), which yNVMS members can attend with support from NVMS conference funds.

11. Closing remarks

The NVMS is an association that welcomes anyone with an interest in MS. Membership to the KNCV or the NNV is not a requirement to join the NVMS. Members are continuously informed about past and upcoming activities via the (the recently updated) NVMS website, [LinkedIn](#) and [BlueSky](#) channels, and quarterly [newsletters, which are circulated via mail to the members, and then published on the website.](#)